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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह प्रत्येक संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 8th November 1969

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

The 21st October 1969

123624. C. G. Isaacs. A water pump title "IV-En" water pump.
123625. The Central Machine Tool Institute. Machine tool clamping system.
123626. S. S. Shah. Improvements in or relating to a lead pencil or the like writing instrument.
123627. S. S. Shah. Improvements in or relating to feeding bottles and the like.
123628. Santosh Products. Improvements in or relating to a device for dispensing dough.
123629. Hindustan Lever Limited. Compositions of matter.
123630. Hulett's Sugar Corporation Limited. Solvent extraction process and apparatus therefor.
123631. Vereinigte Aluminium-Werke Aktiengesellschaft. A method of and apparatus for producing mouldings by compaction. (8th August 1969).
123632. The Dunlop Company Limited. Improvements in and relating to railway vehicle suspension systems. (19th October 1968).
123633. Farbenfabriken Bayer Aktiengesellschaft. New diphenylethylenediamines.
123634. Sakamura Machinery Works Co., Ltd. A washer for special use.
123635. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Auxiliaries for cleaning cylinders and rollers of dyeing and drying aggregates in textile plants.

123636. Stavropolsko Otdelenie Vsesojuznogo Nauchno-Issledovatel'skogo i Proektno-Konstruktor'skogo Instituta Elektroapparatov. Plug-and-socket connector.
123637. Vsesojuzny Nauchno-Issledovatel'sky Institut Kriogen-nogo Mashinostroenja. System for controlling the drives of tracer-controlled machines.
123638. Council of Scientific and Industrial Research. Improvements in or relating to the manufacture of cashew nut shell gum (cns--gum).
123639. Council of Scientific and Industrial Research. Synthetic resin from dicyandiamide.
123640. Council of Scientific and Industrial Research. A process for making photoconductive plates for electrophotographic machine.
123641. Council of Scientific and Industrial Research. A process for electrostatic charging of photoconductive plates for electrophotographic machines.
123642. Council of Scientific and Industrial Research. A process for the production of matrix board (storeo flong).
123643. Council of Scientific and Industrial Research. Xerography developer composition.
123644. Council of Scientific and Industrial Research. Filter aid 2.
123645. Council of Scientific and Industrial Research. Improvements in/or relating to the electrolytic reduction of salicylic acid to salicylaldehyde.
123646. Council of Scientific and Industrial Research. Electrical microbalance.
123647. Beecham Group Limited. Penicillins. (23rd October 1968).
123648. N. V. Philips Gloeilampenfabrieken. Semiconductor device.
123649. D. K. Dhand. Air cooler for vehicles.
123650. (Mrs.) Prabha Shrikrishna Salvi. A door rack for motor cars.

123651. M. Gunvantrai. Improvements in or relating to semi-automatic self igniting gas stoves or like appliances and switch-cum-stop cock device for such appliances.
123652. M. G. Industries. Improvements in or relating to a device for washing, cleaning and disinfecting floors, decks and the like.
123653. M. S. Pathan. (Bug) preventive cup-in-english. (khatmal) Bachavi cupi-in Hindi.
The 22nd October 1969
123654. A. Hussain. A device for obtaining vision through opaque bodies by utilizing heat waves.
123655. S. Ali. Fuellers automatic power machine.
123656. Hindustan Lever Limited. Toothpastes. (29th October 1968).
123657. Hindustan Lever Limited. Toothpastes. (29th October 1968).
123658. Babcock & Wilcox Limited. Improvements in distillation units.
123659. The British Oxygen Company Limited. Welding electrode. (1st November 1968).
123660. Fisons Limited. Process. (29th October 1968).
123661. Chas. Pfizer & Co., Inc. Derivatives of benzoic acid. [Divisional date 8th May 1968].
123662. Molins Machine Company Limited. Hot-melt adhesive compositions. (22nd October 1968).
123663. The Firestone Tire & Rubber Company. Product and process.
123664. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Process for the manufacture of benzodiazepines.
123665. Gulf Research & Development Company. Method of reducing herbicidal injury.
123666. Etat Francais. Monolithic block of two-composition or multi-composition propellant and process for the manufacture of such a block.
123667. Foseco International Limited. Production of refractory shaped articles. (23rd October 1968).
123668. Grunzweig & Hartmann Aktiengesellschaft. Mineral wool and process for the production thereof.
123669. Knapsack Aktiengesellschaft. Process for the manufacture of unsaturated esters of carboxylic acids.
123670. Matsushita Electric Industrial Co., Ltd. Dry cell.
123671. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Stable liquid dispersions of basic dyestuffs.
123672. Combustion Engineering, Inc. Anti-vibration tube support for vertical steam generator.
123673. Metallgesellschaft Aktiengesellschaft, and The Steel Company of Canada, Limited. Controlled slag flow. (2nd November 1968).
123674. Vsesojuzny Nauchno-Issledovatel'sky Institut Kriogenogo Mashinostroenia. Method for controlling process of metal cutting by flame for a gas-cutting machine cutter and device for its embodiment.
The 23rd October 1969
123675. Metalimpex Acel-es Femkulkereskedelmi Vallat and Femipari Kutato Enterzet. An industrial process for continuous separation of nickel.
123676. Unilever Limited. Process for manufacturing hollow objects from laminated material.
123677. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. New water-soluble monoazo dyestuffs and process for preparing them.
123678. Sankyo Company Limited. Process for the preparation of benzodiazepine compounds.
123679. Sankyo Company Limited. Process for the preparation of benzodiazepine compounds.
123680. The Dunlop Company Limited. Corrugated hose and a method of making it.

123681. Miles Laboratories, Inc. Composition and method for the determination of lipoproteins.
123682. Halcon International, Inc. Chemical process.
123683. N. F. Brooker Pty. Limited. Climbing jack.
123684. Shell Internationale Research Maatschappij N. V. Process for the separation of mixtures of compounds according to type.
123685. Farbenfabriken Bayer Aktiengesellschaft. Aluminum fluoride manufacture.
123686. W. Hermanns. Method and apparatus for emptying containers filled with bulk, liquid or pasty material.
123687. The Bendix Corporation. A torque coupling device for transmitting rotary motion.
123688. Multi-Minerals Limited. Method of forming precipitates.
123689. N. V. Philips Gloeilampenfabrieken. Cast permanent magnet consisting of a mixed crystal of the composition $\text{Co}_5\text{-xAs}_x\text{R}$.
123690. Beecham Group Limited. Vaccines. (25th October 1968).
123691. Industriële Onderneming Wavin N. V. A device for manufacturing a flexible plastic tube with transverse grooves of a large diameter.
123692. Mitsubishi Jukogyo Kabushiki Kaisha. Method of and apparatus for injecting fuel into a diesel engine.
123693. Sumitomo Chemical Co., Ltd. A slurry explosive.
123694. Kyorin Seiyaku Kabushiki Kaisha. Process for the preparation of n-substituted benzene-n-substituted ureas.
123695. D. P. Agarwal. A punching device. [Divisional date 19th March 1969].
123696. K. K. Xavier. An improved stool for draughtsman.
123697. K. K. Xavier. A shot gun-fired dart for fishing.
123698. R. Rajen. Measuring accurately the inclination of any surface with respect to both horizontal and vertical.

Alteration of Date

123187. Ante-dated to 8th April 1968 under Section 5 of the Act.
123381. Ante-dated to 10th January 1968 under Section 5 of the Act.
113535. Post-dated to 10th January 1968 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's office in the prescribed form No. 6 of the Indian Patents and Designs Rules 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

113535. A. S. K. Fernando, A. N. K. Fernando, A. S. Fernando and C. S. W. Fernando. Mould box for moulding building units and buildings like residential houses, schools and hospitals. Accepted on 10th October 1969.

Comprising at least two detachable sections, adjacent wall members in each section being firmly held together, hooks or sockets at free edges of the wall members, hooks or sockets of aligned wall members of adjacent sections being locked by a key and optionally a frame work for the mould box.

- 113982 Sandoz Ltd. Copper phthalocyanines with trimethyl-ammonium-methyl groups as paper dyes. Accepted on 9th October 1969.

Comprises applying to paper a concentrated aqueous dye solution containing 25 to 55 parts of the 100% copper phthalocyanine with triamethyl ammonium methyl groups at ambient temperature.

114003. Porvair Limited, formerly known as Porous Plastics Limited. Improvements relating to water vapour permeable flexible sheet materials. (11th January 1967). Accepted on 10th October 1969.

Characterized in that the ratio of filler to working material is 0.5 : 1 and the ratio of working material to solvent is in the range from 30 : 70 to 37.5 : 62.5.

114042. Vandervell Products Limited. An improved method and apparatus for manufacturing thin walled flexible bearing liners. (16th January 1967). Accepted on 15th October 1969.

Subjecting the blanks to two successive cold pressing operations one of which imparts a finished external surface of the required circumferential length and the other which imparts a finished internal surface of a required curvature.

114043. Minnesota Mining And Manufacturing Company. A process for treating fibrous articles. Accepted on 14th October 1969.

Comprises contacting the article with a fluorine containing organic hybrid copolymer having a net oleophobicity and being hydrophilic under aqueous condition.

- 114062 Veb Fotochemische Werke Berlin. Process for pre-treating film supports. (23rd October 1967). Accepted on 15th October 1969.

The film support is coated with a solution containing at least one polyepoxy compound or polyalcohol and at least one polybasic acid or an anhydride thereof.

114074. N. V. Philips Gloeilampenfabrieken Method of manufacturing a permanent magnet from fine particles of a compound M_2R^* and permanent magnets so produced. Accepted on 16th October 1969.

Comprising moulding by melting the compound M_2R where Co and La—xCe_x stands for M and R respectively with $0 < x < .1$, cooling compressing and sintering the powder and magnetizing at the body.

114129. Laporte Titanium Limited. Improvements in or relating to titanium dioxide pigments. (26th January 1967). Accepted on 21st October 1969.

Process for the treatment of a titanium dioxide pigment containing alumina which comprises incorporating water with the pigment to form a slurry or paste of the pigment containing at least 30% of water and having a pH not exceeding 5.0 and thereafter incorporating at least one dispersing agent with the pigment to form a dispersion thereof.

114156. Chemical Construction Corporation. Process for the production of ammonium nitrate and phosphate materials. Accepted on 22nd October 1969.

Phosphate rock is digested with aqueous nitric acid, ammonia is added to produce solid dicalcium phosphate and a solution containing ammonium nitrate and calcium nitrate, whereafter the dicalcium phosphate is removed from the mix to give phosphate material and the residual solution is treated with a soluble ammonium compound.

114168. P. V. Iype. Making foot wear with a mixture of rubber cellulose, coconut or other fibre, saw dust cocorork, sand, chaff, straw, dry grass in any proportion. Accepted on 23rd October 1969.

Coating coir mats with mixture and cutting them to pad size and making the upper part by stitching gumming or fusing rubber sheets.

114178. General Aniline & Film Corporation. A process for producing patterns on the surface of a textile material, and an apparatus for carrying out the process. Accepted on 15th October 1969.

Comprises applying to the said textile material a liquid which migrates from a cooler area to a hotter area and applying heated pattern to the material.

- 114234 Gevaert-Agfa N. V. Web feeding device. (8th February 1967). Accepted on 16th October 1969.

Comprising opposed mutually facing spaced co-operating tracks arranged to define a switching path for receiving and guiding opposed margins of a web along such path and means for advancing web along such tracks.

114276. Mrs. Nargis Sami Engineer. Improvements in or relating to portable refrigerator. Accepted on 16th October 1969.

Characterised in that a series of spaced circular grooves formed on the surface of its inner wall, and the bottom free end curved and is provided with a radial flange projecting inwardly having a central opening and a pair of discs having a series of holes and series of circular clips which are adapted to get fitted within circular grooves so as to form brackets for supporting circular discs for forming compartments in cylindrical member.

114280. Matchon Products Limited. Manufacture of phosphoric acid and calcium sulphate hemihydrate, suitable for the production of cement. (1st February 1967). Accepted on 21st October 1969.

Comprises causing phosphate rock to react with sulphuric acid in an initial reaction vessel under such conditions of ionic concentration and temperature that gypsum is precipitated, transferring the product to second vessel in which sulphuric acid, concentrated to at least 93% H_2SO_4 by weight, is added.

114353. S. S. W. Scholander. Building element. Accepted on 5th August 1969.

Wherein a rigid sheet material is covered on one side with a moisture retaining layer of a porous or loose material.

114458. Fisons Pest Control Limited. Pesticidal compositions containing substituted benzodioxole. (21st February 1967). Accepted on 10th October 1969.

Contains as an active ingredient a substituted benzodioxole such as 4-hydroxy-2-ethyl-2-methyl-1, 3-benzodioxole.

- 114477 Siemens Aktiengesellschaft. Rectifier bridge for disc-type rectifiers. Accepted on 15th October 1969.

Comprising a pair of disc type rectifiers with anode of one in contact with one bus bar and the cathode of the other in contact with another bus bar and contact member having spring means connecting the other two electrodes of the rectifiers.

114552. Columbia Gas System Service Corporation. Improvements in or relating to ovens for cooking food. Accepted on 15th October 1969.

Comprises an oven shell and door construction providing an oven cavity, radiation means for subjecting the exposed surface within the cavity to the direct action of infrared radiation and means for air to flow.

114966. Luk Lamellen und Kupplungsbau Gesellschaft mit beschränkter Haftung. Friction clutch. Accepted on 15th October 1969.

Friction clutch with a pressure plate movable by means of a clutch spring in axial direction of the clutch against a driving disc and pressable against the same, which by means of transmission elements is connected to a clutch member and where the transmission elements are pretensioned in axial direction of the clutch.

115180. Multi-Minerals Limited. Improvements in production of acid. (19th January 1968). Accepted on 14th October 1969.

Comprising reacting a substantially stoichiometric quantity of material with substantially stoichiometric quantity of acid in the presence of a solution of the acid thereby forming an additional amount of salt to be produced and removing at least a portion of produced salt therefrom.

115286. H. Holloway. Improvements in or relating to axles. Accepted on 4th October 1969.

Comprising an axle housing containing a gear chamber, the lower portion of which, in use, forms a lubricant reservoir gearing and the gear chamber, a lubrication system for the axle mechanism, and a lubricant filter and the lubricant system.

115343. N. V. Philips Gloeilampenfabrieken. Device for the transmission of synchronous pulse signals. Accepted on 8th October 1969.

Comprising a source of signal pulses, switching modulation device, carrier oscillator, the modulated pulse signals to be transmitted being derived from the modulating switching device by means of out put filter.

115356. Konstruktorskoe bjuro koxokhimicheskogo mashinostroenia instituta "Giprokox". Mechanism for cleaning internal surfaces of bends of gas conduit standpipes of coke ovens. Accepted on 10th October 1969

A mechanism for cleaning internal surfaces of bends of gas conduit standpipes of coke ovens from tar and graphite deposits.

115392. Niroyal, Inc. Improvements relating to tackifying cement. Accepted on 13th October 1969.

Comprising a pentaerythritol ester of hydrogenated rosin, a sulphur vulcanizable terpolymer rubber and a volatile organic solvent.

115394. Titangesellschaft MBH. Process for the manufacture of a titanium dioxide concentrate. Accepted on 13th October 1969.

Mixing ilmenite with an excess of at least 36% strength hydrochloric acid, heating the resulting suspension to boiling with mixing, boiling the suspension for a period sufficient to drive off about 1/3 of hydrogen chloride originally employed and to ppt. titanium.

115410. Scott Paper Company. Polyurethane foam products and process. Accepted on 15th October 1969.

Process for manufacture of a polyurethane foam by the reaction of a poly-isocyanate and a polyhydroxy containing compound in the presence of an adduct of inorganic acid acting as an Lewis acid catalysts.

- 115445 The Dunlop Company Limited. Composite sheet material (21st April 1967). Accepted on 15th October 1969

Bonding together by means of high frequency electric welding a sheet of thermoplastic plastics material and a plastics foam material of skeletal structure.

115457. R. G. DePenning. Xerographic Imaging and electrostatographic developer mixture therefor. Accepted on 16th October 1969.

Wherein the image is formed by contacting an electrostatic latent image formed on a surface with a developer mixture comprising toner particles until a portion of it are held on said surface.

- 115458 R. G. DePenning. Xerographic imaging and electrostatographic developer mixture therefor. Accepted on 16th October 1969.

Wherein the image is formed by contacting an electrostatic latent image formed on or surface with a developer mixture comprising tone particles adhering to carrier beads of composition 5 to about 45 per cent by weight of oxides of silicon and about 20 to 95 per cent by weight of oxides of lead until a portion of the particles are held on said surface.

- 115479 Shell Internationale Research Maatschappij N. V. A process for the removal of carbon dioxide from gas mixtures containing carbon dioxide as impurity. Accepted on 16th October 1969.

Comprises successively treating the gas mixtures with aqueous trialkylamine and an absorbing liquid containing an organic base and a physical absorbing agent.

115481. Universal Oil Products Company. Improved catalytic reforming process. Accepted on 17th October 1969

Improvement comprising separating the effluent under low pressure to give a first gaseous phase a first liquid base, compressing the first gaseous phase to a higher pressure, admixing the gas with a portion of first liquid phase separating again and returning a portion of the second gaseous phase obtained to the reaction zone.

115497. S. J. Poonawalla. Cinematographic picture film strip. Accepted on 18th October 1969.

Characterised in that in the region of one edge of the film strip is set the sound track, next to this end inside of if the line of perforations and then the image space, immediately touching the line of perforations and extending the other edge of the film strip.

- 115535 Tube Investments of India Ltd. The process and plant for the recovery of nickel from the effluent solution out of nickel plating. Accepted on 21st October 1969

Comprising precipitating nickel from solution as hydroxide or as carbonate by using respective alkali material, under controlled pH condition, separating the ppt. by using a high speed gravity centrifuge separator and dissolving the same in acid medium.

115552. The Bengal Coal Company Limited. Surge bunker for use in loading systems such as loading of coal or ore. Accepted on 21st October 1969.

A bunker and its moving means on a truck, a bunker base belt below the bunker, a transfer conveyor belt.

115557. Quenot & Cie, S.a.r.l. Linear measuring instrument. Accepted on 16th October 1969.

Characterised in that push button is rectilinearly guided between guides, and the extremity of the elongated portion thereof actuates a tape-gripping means, a spring urging push button outwardly of casing so as to cause tape gripping means to brake tape.

115642. Farbenfabriken Bayer Aktiengesellschaft. Production of 2, 2-dichloro-vinylphosphoric acid ester amides and insecticidal or acaricidal compositions containing same. Accepted on 21st October 1969.

Comprises reacting O, O-dimethyl or O, 1-diethyl O-(2, 2-dichlorovinyl) phosphoric acid ester with phosphorous pentachloride at 40-130°C in presence of dimethyl formamide and converting the product obtained with alcohol and ammonia into the amide.

115800. Snam Progetti S. P. A. Process for the production of urea. Accepted on 21st October 1969.

Comprising feeding ammonia and carbon dioxide to produce the ammonium carbamate which is stripped in a stripper, condensing the stripped ammonium carbamate which is entrained by means of an entraining device in the ammonia or carbon dioxide which is fed to the reactor.

116076. P. Leiner & Sons (Encapsulations) Limited. Float-operated level control. (18th July 1967). Accepted on 23rd October 1969.

A rotary valve member and an elongated float generally parallel to the rotary axis of the valve member and so connected that angular movement of the float is transmitted to the valve member.

116423. S. Vijayaraghavan. A bulk material handling plant. Accepted on 15th October 1969.

Comprising a vertical lifting device adaptable to be slewed in the vertical plane, and having two boot wheels at the bottom with provision varying the scooping angle.

116425. Dr. (Mrs) Mary Philipose. Improvements in or relating to cervical dilators and the like. Accepted on 16th October 1969.

A housing case in which are housed a plurality of hollow tubes snugly accommodated one within the other and slidably disposed with respect to each other, a rod snugly accommodated within and slidably disposed, means for extending the rod and the said tubes, the extensible ends of the said rod and tubes having non-sharp edges.

117675. N. V. Philips Gloeilampenfabrieken. Device for the Accepted on 21st October 1969.

The lid comprises a lid body with a downwardly projecting flange bent inwardly at intervals, the said bent portions being approached at one end by a step forming a part of the bent portion.

117106. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of propylene polymers. Accepted on 15th October 1969.

Characterised in introducing liquid propylene in reactor-vaporised and polymerised using catalyst in molar ratio of titanium compound to aluminium compound of 1:05 to 1:6.

117389. S. R. Kasat. Improvements in or relating to mechanised threshing machine. Accepted on 15th October 1969.

Comprising two fast rotating drums mounted on two independent parallel shafts driven by suitable source of power, the two drums are made by longitudinally placed strips secured over the circular ends of the drums so that the drums appear to be provided with open space alternated by longitudinal strips.

117675. N. V. Philips Gloeilampenfabrieken. Device for the transmission of synchronous pulse signals. [Addition to No. 115343]. Accepted on 21st October 1969.

Comprising a source for pulses, a switching modulation device controlled by a carrier oscillator and an output filter, a shift register having a member of shift register elements, shift pulse generator.

117741. The Goodyear Tire & Rubber Company. A flexible container. Accepted on 14th October 1969.

Having a polyester fabric body portion and at least one fitting for access to the inside of the container said fabric of the body portion having each of its sides covered with a cured chlorobutyl rubber composition.

117767. The Best Rubber Stamp Mfg. Company. Improvements in or relating to adjustable revolving date stamps. Accepted on 16th October 1969.

A spring actuated latch member placed in a housing provided on one of the unhinged sides of the metal casing and a catch member for holding the latch member.

117807. Knorr-Bremse GMBH. Single-release pneumatic brake for rail cars. Accepted on 15th October 1969.

A valve control for a pneumatic brake which avoids the difficulties of a slide valve control and complies with the known standard conditions by providing simple control gears.

117934. Albright & Wilson Limited. Improvements relating to chromic oxide. Accepted on 21st October 1969.

Comprises forming a mixture of finely divided chromic oxide in aqueous chromic acid forming the mixture into dried granules, heating the granules to convert chromic acid to chromic oxide.

118077. Ganz-Mavag Mozdony-Vagon-Es Gepgyar. Compensated transmission mechanism for positive displacement power machines and machine tools. Accepted on 15th October 1969.

A transmission in positive displacement power machines and machine tools in compensated form in which the coupling of the connecting rod to the cross head or the piston or to the intermediate rod thereof is not direct but with the inter-position of a compensating arm or supporting arm with an oscillating movement.

118254. Incorporated Steels (India) Private Limited. Improvement in or relating to work stands. Accepted on 15th October 1969.

A work stand used for lifting engines or machines on which maintenance or machining work is to be performed.

118398. Verson Allsteel Press Company. Transfer assembly for presses. Accepted on 16th October 1969.

A multistation press provided with a transfer assembly including a feed bar longitudinally movable in opposite directions along the press and a plurality of gripper mechanism carried by the bar for gripping and transferring the work-piece from die to die along the press as the feed bar is longitudinally moved.

118399. Verson Allsteel Press Company. Inner and outer races for a roller bearing and method and apparatus for making same. Accepted on 16th October 1969.

A method and apparatus for making the inner and outer race for a roller bearing which are extruded from bar stock wherein the grain boundaries of the grain structure of the inner race adjacent the outer surface thereof are substantially parallel.

118552. Chemische Werke Witten Gesellschaft Mit Beschränkter Haftung. Process for the production of pure, colourless diphenylterephthalate. [Addition to No. 93206]. Accepted on 15th October 1969.

Characterises in heating dialkyl terephthalate with at least equivalent amount of phenyl acetate and 1 to 5 p.c. by weight of active carbon to about 150°C, and then adding to catalyst, the crude ester formed is taken in an aromatic hydrocarbon preferably xylene and the ester crystallised out.

118566. Snam Progetti S.p.A. Improved process for the preparation of microspheres from substances where conglomeration is difficult, and product obtained thereby. Accepted on 21st October 1969.

Chemical production of microspheres of refractory material by the steps of admixing to an aqueous solution of one or more compounds of the materials, a resin and then causing the solution to fall dropwise within an alkaline solution forming regular microspheres to be subsequently dried and calcined.

118922. Societe Des Accumulateurs Fixes Et De Traction. A battery of electrochemical generators with flat cells. Accepted on 14th October 1969.

Plastic sheath being covered with a second extensible plastic sheath and is submitted by the latter to an axial as well as radial compression.

119106. Stamicarbon N. V. Process for the preparation of urea in combination with the synthesis of ammonia. Accepted on 21st October 1969.

Wherein an NH_3 , N_2 and H_2 containing gas stream is passed under elevated pressure 250atm. or higher into an absorbing zone and therein passed in counter current flow to an absorbing agent for ammonia whereby ammonia is removed from the gas stream and the ammonia solution is passed to the urea synthesis reactor.

119226. Product & Process Development Associates., Inc. High speed bias weaving and braiding. Accepted on 14th October 1969.

Comprises continuously moving a plurality of individual weaving elements into one end of and through respective guide eyes of individual guide members and relatively cooperatively moving said guide members in a predetermined bias weaving pattern within a weaving plane generally normal to the weaving direction.

119434. Honda Giken Kogyo Kabushiki Kaisha. Power transmission apparatus for motor car. Accepted on 16th October 1969.

Input shaft driven by a prime mover being provided with respective driving gears for low speed and high speed systems and at the middle portion thereof with respective oil pressure operated frictional clutches and an output shaft is parallel with the input shaft being provided with respective driven gears meshed with the respective driving gears and at the middle portion thereof with an output gear.

119731. Jervis B. Webb Company. Automatic and manually controlled vehicle. Accepted on 15th October 1969.

A driving motor for propelling a driving wheel, a steerable wheel and an automatic steering control system, a manual control system and means operably connecting the steering shaft with the steerable wheel, a tiller pivot means connecting the tiller to the steering shaft and clutch means connecting the steering motor to the steerable wheel.

119993. G. Rikabchand. Improvements in or relating to production of pyrophoric metal bars. Accepted on 15th October 1969.

Rolling up a sheet metal so as to form two parallel tubes interconnected by an intermediate sheet metal portion, casting pyrophoric metal in the tubes and removing the sheet metal.

120216. N. V. Machinefabriek B & S Bedrijven v.d. Woerd. Process and apparatus for shelling cooked and consequently curved shrimps one at a time. Accepted on 15th October 1969.

A process for shelling cooked and curved shrimps one at a time, the shrimps being gripped and stretched, subsequently the heads are cut off and the flesh is removed from the shell by means of an implement engaging the flesh via the end of the cut off head.

120373. North American Rockwell Corporation. Casting and forging apparatus. Accepted on 15th October 1969.

A simplified casting and forging apparatus of greater efficiency and capacity which provides the casting of the metal in a die to form a work piece roughly the shape of the desired forging and the forging of the work-piece is a continuous process which is performed before the work-piece has cooled below the desired forging temperature.

120922. Triplex Safety Glass Company Limited. Improvements in or relating to the bending of glass sheets. (17th April 1968). Accepted on 16th October 1969.

A method and apparatus for bending glass sheet by which desired curvature may be imparted to a glass sheet with consistently repeatable accuracy and marring of the bases of the glass sheet is avoided.

121223. R.G. DePenning. Machine with mechanisms placed in displaceable boxes for the manufacture and delivery of plastic bags of different lengths starting from a tubular sheet. Accepted on 14th October 1969.

Mechanisms controlling the means introducing the tubular sheet the thermowelding jaws, the cooling jaws the conveying means, the transmission means, the mechanisms for introducing the straw into the bag and the cutting means are located in just as many separated boxes spaceable at different distances with respect to each other even during functioning of the machine and the cutting means are disposed at the end of the travel of the tubular sheet.

123187. N. V. Philips' Gloeilampenfabrieken. Device for receiving synchronous pulse signals. [Divisional date 8th April 1968]. Accepted on 8th October 1969.

Comprising two parallel-connected channels which are both provided with a sampler controlled by a clock pulse generator and a reference voltage source connected to the sampler.

123381. A.S.K. Fernando, A. N. K. Fernando, A. S. Fernando and C.S.W. Fernando. Mould box for moulding building units being posts or columns. [Divisional date 10th January 1968]. Accepted on 10th October 1969.

Comprising two slide wall members, a column base mould having a tapered and section at one end of the mould box a groove mould at the other end of the mould box and an end wall in the vicinity of the groove mould.

Patents Sealed

105459, 109414, 109909, 110216, 110599, 110864, 111266, 111353, 111358, 111443, 111445, 111459, 111611, 111766, 112080, 112895, 113791, 114078, 114302, 114421, 114484, 114553, 114738, 114876, 115002, 115013, 115262, 116190, 116191, 116343, 116367, 116786.

Renewal Fees Paid

53047, 53135, 53186, 53448, 54670, 55741, 55800, 55864, 55867, 55875, 55952, 56081, 56197, 56555, 58934, 59271, 62022, 62070, 62221, 62317, 62341, 63629, 63860, 65819, 65826, 65835, 65880, 65884, 65916, 65936, 65961, 65971, 66196, 66219, 66642, 68997, 69588, 69628, 69657, 69689, 69731, 69778, 69807, 69809, 69868, 69886, 69970, 70099, 70216, 70234, 71812, 72540, 73822, 73823, 74027, 74061, 74099, 74100, 74101, 74102, 74148, 74151, 74158, 74164, 74179, 74231, 74242, 74248, 74277, 74285, 74290, 74331, 74354, 74398, 74485, 74538, 74554, 74629, 74667, 74837, 75407, 75895, 78094, 78097, 78100, 78103, 78958, 79176, 79230, 79275, 79286, 79374, 79382, 79402, 79415, 79431, 79445, 79468, 79491, 79529, 79530, 79531, 79532, 79533, 79534, 79535, 79537, 79553, 79554, 79576, 79697, 79741, 79800, 79832, 79835, 79974, 79980, 79991, 80988, 82102, 82381, 83701, 84388, 84562, 84711, 84714, 84720, 84920, 84945, 84964, 84965, 84966, 84988, 84994, 85047, 85075, 85086, 85090, 85094, 85116, 85117, 85177, 85194, 85233, 85235, 85306, 85319, 85324, 85337, 85340, 85383, 85488, 85559, 85578, 85579, 85583, 85624, 85701, 90348, 90376, 90401, 90600, 90620, 90662, 90666, 90687, 90694, 90752, 90756, 90760, 90800, 90854, 90857, 90903, 90927, 90944, 90982, 90999, 91080, 91106, 91121, 91143, 91144, 91176, 91183, 91186, 91265, 91278, 91334, 91346, 91418, 91424,

92045. 93102. 95639. 95765. 96213. 96214. 96254. 96344.
 96360. 96365. 96388. 96394. 96400. 96406. 96407. 96460.
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 96691. 96698. 96699. 96726. 96740. 96743. 96748. 96772.
 96786. 96793. 96794. 96801. 96803. 96823. 96877. 96946.
 96951. 97021. 97152. 97227. 97231. 97786. 98159. 99211.
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 102466. 102494. 102498. 102514. 102526. 102554. 102555.
 102609. 102640. 102650. 102684. 102712. 102726. 102763.
 102769. 102791. 102818. 102819. 102882. 103000. 103081.
 103244. 103299. 107696. 107960. 110418. 110833.

Extension of the Term of Patent

An opposition to the petition for extension of the term of Patent No. 48890, filing of which has been notified in the Gazette of India, Part III, Section 2, dated the 19th October, 1968 has been filed by Remington Rand of India Ltd., of 3, Council House, Street, Calcutta-1.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The date shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 136101 and 136102. Swadesi Type Foundry, No. 51, Guruvappa Chetty St., Chintadripet, Madras-2, South India, Subjects of the Indian Republic, "The tamil printing types", July 3, 1969.

Class 1. No. 136108. Mohan Lal Vijay, Micro Electronics Corporation, 5160, Kolhapur Road, Subzi Mandi, Delhi-7, India Indian National, "Rotary switch", July 5, 1969.

Class 1. No. 136109. Inder Sharan Mehra. 18-Netaji Subhas Marg, Delhi-6, (India) Indian National, "A lifting jack for vehicles", July 5, 1969.

Class 1. No. 136141. Mohammad Ibrahim, Manager, M/s. S.S.I. Industries, Katra Street (Kanwariganj Road), P.O. Aligarh (U.P.) Nationality—Indian, Suit case clip", July 9, 1969.

Class 1. Nos. 136148 to 136152. Geep Flashlight Industries Limited. 28, South Road, Allahabad-1, U.P., India, an Indian Company, "A torch", July 14, 1969.

Class 1. No. 136179. Raghuvir Industries (an Indian Partnership Firm), D. Plot, Club Road, Jamnagar (Gujarat), "Valve repairing tool", July 18, 1969.

Class 3. No. 135727. Murshad Ali Khan, An Indian citizen residing at : 516, Khambatia Bldg, Room No. 14, 2nd floor, Victoria Garden Road, Corner of J.J. Hospital, Bombay-8, Maharashtra, India, "A handle for container", May 3, 1969.

Class 3. No. 135924. Nama Subramanya Setty Sreenivasa Prasad, an Indian National, 297-D Subbiah Road, Chamaraja Mohalla, Mysore, Mysore State, India. "Ash tray-cum-twin candle holder", June 16, 1969.

Class 3. 136097. Colfax Laboratories (India) Private Limited, Rua S. Tome, Panjim, Goa, India, an Indian Company, "A container", July 2, 1969.

Class 3. Nos. 136103 and 136104. Swadesi Type Foundry, No. 51, Guruvappa Chetty St., Chintadripet, Madras-2, South India, Subjects of the Indian Republic, "The tamil printing types", July 3, 1969.

Class 3. No. 136110. Ravi Prakash, an Indian National, 8, Tamarind Lane, Bombay-1, State of Maharashtra, India, "Bottle", July 7, 1969.

Class 3. No. 136158. Bright Brothers Private Limited, a Company incorporated in India, 156A Tardeo Road, City of Bombay, State of Maharashtra, India, "Cups", July 14, 1969.

Class 4. No. 136096. Bala Rajarao, Indian National of Sarangapur Industrial Estate, Nizamabad (Andhra Pradesh), "Bottle", July 2, 1969.

Class 10. Nos. 135920 to 135923. Bally Shoe Company Private Limited, an Indian Company, of "Sunayana", 9, S.V. Road, Vile Parle (West), Bombay-56, Maharashtra, India, "A footwear", June 13, 1969.

Class 12. Nos. 136082 to 136085 Indian Wax Industries, (an Indian Firm), 4, Haresh Chambers, 313/319, Samuel Street, Vadagadi, Bombay 3, (Maharashtra), "Candle", June 30, 1969.

Copyright Extended for a Second Period of Five Years

Design Nos. 121992, 121993, 121994, 119340, 119341 and 119342 Class—1.

Design Nos. 122772, 122773 Class—3.

Design No. 120096 Class—4.

S. VEDARAMAN,
 Controller General of Patents,
 Designs and Trade Marks

